Index of Claims

| Application No. | Applicant(s)     |  |
|-----------------|------------------|--|
| 09/994,806      | SHIBAYAMA ET AL. |  |
| Examiner        | Art Unit         |  |
| Kenneth S KIM   | 2111             |  |

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected N I Interference

**Appeal** Α 0 Objected

|       | aim                                    | Date     |          |          |  |          |  |          |              |                 |
|-------|--|----------|----------|----------|--|----------|--|----------|--------------|-----------------|
| Cic   |  | -        | Date     |          |  |          |  |          |              |                 |
| Final | Original                               | 11/24/04 | :        |          |  |          |  |          |              |                 |
|       | 1 ·                                    | <b>V</b> |          |          |  | Ι-       | $\vdash$   | T        | Т            | $\vdash$        |
|       | 2                                      | ī        | T        |          |  |          | $\vdash$   | _        | 一            |                 |
|       | 3                                      | П        |          |          | i  | Γ        | Т  |          | Г            | П               |
|       | 4                                      | П        |          |          |  |          |  |          |              |                 |
|       | 5                                      | П        |          |          |  |          |  |          |              | $\Box$          |
|       | 1<br>2<br>3<br>4<br>5<br>6             | П        |          |          |  |          |  |          |              |                 |
|       | 7                                      | П        |          |          |  |          |  |          |              |                 |
|       | 8                                      | Ц        |          |          |  | L        |  | L        |              | Ш               |
|       | 9<br>10                                | Ш        |          |          |  |          | _  |          | L            |                 |
|       | 10                                     | Ш        |          |          | L  | _        | L  |          | L.           | Щ               |
|       | 11                                     | Н        | <u> </u> |          | ļ  | <u> </u> | L  | L        | <u> </u>     | Щ               |
|       | 11<br>12<br>13<br>14<br>15<br>16<br>17 | ₽        | <u> </u> | <u> </u> | <u> </u>   | $\vdash$ | $\vdash$   | ⊢        | <del> </del> | Щ               |
|       | 13                                     | ⊬        |          | <u> </u> | ļ  | $\vdash$ | <u> </u>   | <u> </u> | <u> </u>     | $\square$       |
|       | 14                                     | ₩        | <u> </u> | ├-       | -  | <u> </u> |  | <u> </u> |              | $\vdash \vdash$ |
|       | 15                                     | ╁        |          | -        |  | ⊢        | <u> </u>   | $\vdash$ | -            | $\vdash \dashv$ |
|       | 17                                     | ₩        |          |          | -  |          | -  | -        | _            | $\vdash$        |
|       | 18                                     | H        | $\vdash$ |          |  | -        |  | ├        | -            | Н               |
|       | 19                                     | H        |          |          |  | -        | $\vdash$   | $\vdash$ | $\vdash$     |                 |
|       | 20                                     | Н        |          | -        | -  | _        | ┝  | -        | ├            | $\vdash$        |
|       | 20<br>21                               | Н        |          | -        |  | -        |  | ├        | ┝            | H               |
|       | 22                                     | H        | -        |          | 1  |          | -  | ┢        |              | Н               |
|       | 23                                     | Н        | _        | Н        |  | _        | _  | H        | H            | Н               |
|       | 24                                     | Н        |          | -        |  |          | <del>                                     </del> | $\vdash$ | $\vdash$     | Н               |
|       | 25<br>26                               | П        |          |          |  |          |  |          |              | Ħ               |
|       | 26                                     | П        |          |          |  |          |  |          |              | П               |
|       | 27                                     | П        |          |          |  |          |  |          |              |                 |
|       | 28<br>29                               |          |          |          |  |          |  |          |              |                 |
|       | 29                                     | Ш        |          |          |  |          |  |          |              |                 |
|       | 30                                     | Ш        |          | _        |  |          | L  |          |              | Ш               |
|       | 31<br>32                               | Ш        |          |          | _  |          | L  |          |              | Ш               |
|       | 32                                     | Щ        |          | L        | L  |          | _  |          | L_           |                 |
|       | 33                                     | Ш        |          |          | _  |          | <u> </u>   | _        |              |                 |
|       | 34                                     | H        | _        |          | <u> </u>   | <u> </u> | <u> </u>   | <u> </u> | <u> </u>     |                 |
| L     | 35                                     |          | _        | <u> </u> | -  | <u> </u> | <u> </u>   |          | _            | Щ               |
|       | 36<br>37                               | 7        | _        | _        | $\vdash$   | $\vdash$ | <u> </u>   | <u> </u> | $\vdash$     | Щ               |
|       | 3/                                     | 7        | _        | <u> </u> | -  | $\vdash$ | <b> </b> -                                       | H        | $\vdash$     | Н               |
|       | 38<br>39                               | H        |          |          | ⊢  | ├        | $\vdash$   | $\vdash$ | -            | $\vdash$        |
|       | 40                                     | H        | -        | _        | $\vdash$   | H        | <u> </u>   | $\vdash$ | $\vdash$     | $\vdash$        |
|       | 41                                     | H        | -        | <u> </u> | -  | Н        | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$        |
|       | 42                                     | Н        |          | -        | $\vdash$   |          | -  | $\vdash$ | $\vdash$     | $\vdash$        |
|       | 43                                     | Н        |          | $\vdash$ | <del>                                     </del> |          | $\vdash$   | $\vdash$ | H            | $\vdash$        |
|       | 44                                     | Н        | -        | $\vdash$ | <del>                                     </del> |          | Н  | $\vdash$ | $\vdash$     | H               |
|       | 45                                     | Н        | -        |          |  | -        | Н  | Н        |              | $\dashv$        |
|       | 46                                     | H        |          |          | $\vdash$   |          | М  | Н        | $\vdash$     | Н               |
|       | 47                                     | +        |          |          | $\vdash$   |          | М  | Н        | Н            | H               |
|       | 48                                     | Ŋ        |          |          |  |          |  |          |              | Н               |
|       | 49                                     | 7        |          |          |  |          |  |          |              | $\Box$          |
|       | 50                                     | 7        |          |          |  |          | Т  |          |              |                 |

| Cla      | aim            | N Date   |  |  |          |          |          |          |  |          |
|----------|----------------|--|--|--|----------|----------|----------|----------|--|----------|
| Final    | Original       | 11-20-02   |  |  |          |          |          |          |  |          |
| -        | 51             |  | <del>                                     </del>   | -                                      | -        | $\vdash$ | -        | -        | -  | $\vdash$ |
| -        | 52             | ľ  | -  | <u> </u>                               |          | $\vdash$ | $\vdash$ |          | -  | ┢        |
|          | 52<br>53       | H  | $\vdash$   | -                                      | 1        |          | -        | $\vdash$ | 一  |          |
|          | 54             | H  | T  |  | 1        |          |          | Н        | <del>                                     </del> |          |
|          | 55             | Ħ  | t  |  |          | $\vdash$ |          |          | 1  |          |
|          | 55<br>56       | T  |  | Ì                                      |          |          |          |          | П  |          |
|          | 57             | T  |  |  |          |          |          |          |  |          |
|          | 58             |  | Π  |  |          |          |          |          |  |          |
|          | 59             |  |  |  |          |          |          |          |  |          |
|          | 60             |  |  |  | L        |          |          |          | L  |          |
| <u> </u> | 61             | Ш  |  |  |          |          |          |          | _  |          |
| <u> </u> | 62             | Щ  | _  | _                                      | <u> </u> |          |          | _        | _  |          |
| <u> </u> | 63             | $\!$ | $\vdash$   | _                                      | _        |          |          |          | _  |          |
|          | 63<br>64<br>65 | #  | ـ  | ├_                                     | $\vdash$ | $\vdash$ | -        | <u> </u> | $\vdash$   | <u> </u> |
| <u> </u> | 66             | ⊬  | $\vdash$   | $\vdash$                               | $\vdash$ |          | ├—       | ├—       | $\vdash$   | <u> </u> |
|          | 67             | ⊬  | ╁  | -                                      | ├        | _        |          |          | <u> </u>   | -        |
| -        | 68             | H  | ╁  | -                                      | <u> </u> |          | ├-       |          |  |          |
| <u> </u> | 69             | H  | ╁╌   | ┢                                      | $\vdash$ | $\vdash$ | -        |          | ┢  |          |
|          | 70             | ╫  | ╁╌   | ┢                                      | $\vdash$ | -        |          |          | H  | Ь        |
| -        | 71             | ╫  | $\vdash$   | $\vdash$                               | -        | -        | -        | _        | -  |          |
| -        | 71<br>72<br>73 | ╫  | ╁╌   | ┢                                      | -        | $\vdash$ | -        | -        | ┝  |          |
| <u> </u> | 73             | ╫  | +  | ╁                                      | ┢        | $\vdash$ | $\vdash$ | -        |  |          |
|          | 74             | $\dagger$  | ┼  | ┢                                      | ┢        | -        |          | $\vdash$ | -  | _        |
|          | 74<br>75       | 1  | 1  | $\vdash$                               | $\vdash$ |          |          |          |  |          |
|          | 76             | T  |  |  |          |          |          |          |  |          |
|          | 77             | Ι  | Ī  | I                                      |          |          |          |          |  |          |
|          | 78             | $oxed{\mathbb{L}}$   |  |  |          |          |          |          |  |          |
| <u></u>  | 79             |  |  |  | ·        |          |          |          |  |          |
|          | 80             | 1  | <u>  .                                     </u>  | <u> </u>                               |          |          |          |          |  |          |
|          | 81             | 4  | ╙  | _                                      |          | _        | _        | <u> </u> |  | _        |
|          | 82             | 4  | ₩  | <u> </u>                               | <u> </u> | _        | _        | _        | _  |          |
|          | 83             | 4  | <u> </u>   | ├                                      | <u> </u> | _        |          |          |  | _        |
|          | 84             | 1  | ⊢  | Ͱ                                      | <u> </u> | _        | _        | <u> </u> | <u> </u>   |          |
|          | 85<br>86       | V  | 1  | -                                      |          | $\vdash$ | <u> </u> | _        | -  | -        |
| -        | 87             |  | ╁╌   | ├                                      |          | <u> </u> |          | -        |  |          |
| -        | 88             |  | ┼-   | ├                                      |          | $\vdash$ |          | -        | -  |          |
|          | 89             | -  | ╁  | $\vdash$                               | ┢        | -        |          | $\vdash$ | -  | _        |
|          | 90             |  | -  | $\vdash$                               | Η.       | -        |          |          | _  | -        |
|          | 90<br>91       | _  |  |  |          |          | _        |          |  |          |
|          | 92             |  | T  |  |          | Г        |          |          |  |          |
|          | 93             |  |  | Г                                      |          |          |          |          |  |          |
|          | 94             |  |  | L                                      |          |          |          |          |  |          |
|          | 95             |  |  |  |          |          |          |          |  |          |
|          | 96             |  |  |  |          |          |          |          |  |          |
|          | 97             |  |  | <u> </u>                               |          |          |          |          |  |          |
|          | 98             |  |  | L_                                     | L.       | Ш        |          |          |  |          |
|          | 99             |  | <b>!</b>   | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | $\vdash$ | Щ        | _        |          |  |          |
|          | 100            |  | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | L                                      | L        |          |          |          |  |          |

| Claim Date   E 55   0 101   102 103   104 105   106 107   108 109   110 111   112 113   114 115   116 117 |                 |
|---|-----------------|
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| 102<br>103<br>104<br>105<br>106<br>107<br>108<br>109<br>110<br>111<br>112<br>113<br>114<br>115<br>116     |                 |
| 104<br>105<br>106<br>107<br>108<br>109<br>110<br>111<br>111<br>112<br>113<br>114<br>115<br>116            |                 |
| 104<br>105<br>106<br>107<br>108<br>109<br>110<br>111<br>111<br>112<br>113<br>114<br>115<br>116            |                 |
| 105<br>106<br>107<br>108<br>109<br>110<br>111<br>112<br>113<br>114<br>115<br>116                          |                 |
| 106<br>107<br>108<br>109<br>110<br>111<br>112<br>113<br>114<br>115<br>116                                 |                 |
| 107<br>108<br>109<br>110<br>111<br>112<br>113<br>114<br>115<br>116  |                 |
| 108<br>109<br>110<br>111<br>112<br>113<br>114<br>115<br>116   |                 |
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| 124<br>125  |                 |
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| 126<br>127  | $\dashv$        |
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| 132<br>133  | _               |
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| 146   | $\dashv \dashv$ |
| 147   | $\dashv \dashv$ |
| 148   | $\neg \neg$     |
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| 150   |                 |